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Abstract:

PURPOSE: To eliminate the adhesion irregularity between an ink layer and an image receiving layer by smoothing the surface of the ink layer and to prevent the density irregularity and missing of dots in medium and low density parts by using silicone oil as the substance for providing lubricity or releasability to the ink layer.

CONSTITUTION: In a sublimation type thermal transfer material wherein an ink layer consisting of an org. binder, sublimable dye particles dispersed therein and a substance having lubricity or releasability contained therein is provided on a substrate, where the substance having lubricity or releasability is composed of silicone oil. As a material having lubricity or releasability and also having capacity for smoothing the surface of the ink layer, the silicone oil is effective and, as the silicone oil, dimethylsilicone oil, methylsilicone oil and methylphenylsilicone oil are proper and the addition amount thereof is pref. 5 - 30 wt. %.

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